

# DTA-AI Flash Creator Hub

## *All-in-One Creator Workstation*

*Full-Function Live Streaming | Lossless Recording | Multi-Source Capture | AI-NAS | Miracasting | Teleprompter*

The Synway DTA Box is a revolutionary, compact device engineered to be the ultimate private workstation for content creators, educators, as well as live streamers. Powered by the flagship AI octa-core CPU and driven by Android 14, the DTA Box integrates 6 critical functions into a single silent, portable unit: AI NAS (Network Attached Storage), Live Streaming Encoder, Lossless Recorder, Wireless Casting Hub, Teleprompter, and Annotation Station.



Unlike traditional NAS devices that merely store data, the DTA Box is a proactive AI Production Hub designed to streamline the entire content lifecycle from capture to distribution.

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## Core Functionalities (The 6-in-1 Advantage)

The DTA Box eliminates the complexity of managing multiple devices. It transforms any standard monitor, laptop, or conference screen into a professional production studio.

- **AI-Enhanced Live Streaming & Recording**
  - Multi-Mode Streaming: Supports low-latency RTMP/SRT protocols and third-party app integration for seamless broadcasting to YouTube, TikTok, Twitch, and Instagram.
  - Lossless 1080P Recording: Simultaneously records high-fidelity 1080P MP4 videos with synced audio while live streaming, ensuring you never lose a moment.
  - AI Visual Effects: Features a one-click AI green screen (chroma keying) and pre-built layout templates for professional overlays.

- AI NAS & Secure Storage**
  - High-Speed Storage: Equipped with dual PCIe 3.0 M.2 NVMe slots for massive, rapid storage expansion(16T), functioning as a high-performance local NAS.
  - Data Security: Provides secure local storage with remote file management capabilities, protecting your valuable content from cloud vulnerabilities.
  
- Integrated Connectivity Hub**
  - Wireless Casting: Built-in Miracast technology enables seamless wireless screen mirroring from mobile devices and laptops.
  - Multi-Camera Support: Allows input from multiple cameras for dynamic scene switching during live sessions.
  - Built-in Tools: Includes a floating Teleprompter and real-time Annotation Tools for drawing and highlighting key points directly on screen.

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## Hardware Specifications

The DTA Box is built on an industrial-grade platform, ensuring stability and high performance for 24/7 operation.

Component	Specification
Model Name	DTA-AI Flash Creator Hub
Processor (CPU)	Rockchip RK3588 (Octa-core, 2.4GHz)
Operating System	Android 14
Memory & Storage	8GB RAM + 128GB eMMC <b>Expansion:</b> Dual PCIe 3.0 M.2 NVMe SSD Slots(Each Slot up to 8Tb)
Network	Wi-Fi 5 (2.4G/5G Dual-band), 2.5G LAN, Bluetooth 5.1
Video I/O	HDMI Input × 1, HDMI Output × 1, Type-C × 1
Audio I/O	HDMI, Type-C, AUDIO OUT, MIC IN, LINE IN
Other Ports	USB × 4, 2.5G LAN
Power Supply	TYPE-C DC 12V-3A
Dimensions	110 × 710 × 39 mm
Net Weight	400g

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## Applications & User Scenarios

The DTA Box is specifically designed for users who demand professional quality without technical complexity.

- **Content Creation & Vlogging:**
    - **Use Case:** Perfect for YouTubers, Twitch streamers, and TikTok creators who need to record high-quality footage and stream simultaneously.
    - **Benefit:** Replaces the need for expensive capture cards, external hard drives, and complex encoding software.
  
  - **Corporate Training & Conferencing:**
    - **Use Case:** Connects to conference room screens for wireless presentations and records training sessions for later distribution.
    - **Benefit:** Provides a "Plug-and-Play" solution for hybrid work environments, ensuring stable and secure local backups of meetings.
  
  - **Smart Education & Online Teaching:**
    - **Use Case:** Enables educators to conduct live classes with professional graphics, screen sharing, and digital whiteboarding.
    - **Benefit:** Simplifies lesson preparation and delivery, allowing teachers to focus on content rather than tech setup.
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## Why Choose the DTA Box? (Key Selling Points)

- **All-in-One Efficiency:** Consolidates 6 devices (NAS, Encoder, Recorder, Capture, Miracast, Teleprompter) into one, reducing cable clutter and hardware costs.
  - **AI-Powered Workflow:** Automates tedious tasks like background removal and scene switching, significantly reducing post-production time.
  - **Portability & Compatibility:** Ultra-compact design works seamlessly with Windows, Mac, and standard display devices. Truly "Carry Your Studio Anywhere."
  - **Enterprise-Grade Reliability:** Backed by Synway's 28-year expertise in telecommunications hardware, ensuring rock-solid stability for critical live sessions.
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For more information, please visit: [www.synway.net](http://www.synway.net)